



Model **CV-Log-35**

MULTI-CHANNEL DATA LOGGER

PRODUCT FEATURES

- Up to 6x data acquisition channels
- Data communication via 4G and 2G
- Local configuration through Wi-Fi from PC, Tablet or Smartphone
- Interface to Cla-Val Link2Valves™ for data visualization and remote configuration
- Standard 5-year* autonomy and 10-year* external high-capacity battery option

MAIN FUNCTION

Cla-Val CV-Log-35 is an ultra-low power advanced data logger with 6x acquisition channels (4 analog inputs and 2 digital inputs). Acquired data is stored in a large internal memory and can optionally be sent to a remote server of your choice, through the new generation 4G communication network, optimized for data communication (IoT). Alternatively, the product can be connected to the Cla-Val **Link2Valves™** platform for an easy and complete integration.

The CV-Log-35 implements powerful processors, embedding advanced intelligence, such as Cla-Val use of proprietary algorithm program to calculate a flow measurement based on inlet/outlet pressures and valve position.

The CV-Log-35 is an easy-to-use product, allowing quick and easy installation, thanks to a compact and ergonomic design, and longtime Cla-Val field proofed experience. No need for cables or special software installation to access the product; the CV-Log-35 is easily configured via a wireless interface from your smartphone, tablet, or computer.

Cla-Val CV-Log-35 embeds a standard lithium battery, providing a long usage time. The product battery life can even be extended with the optional external high-capacity battery option.



SPECIFICATIONS

- Power Supply:**
 - Internal lithium battery (accessible)
 - Option: high-capacity lithium external battery
 - Option: external power supply (6-30 VDC)
- Inputs:**
 - 4x analog (Ratiometric, 0-5 V / 0-10 V)
 - 2x digital (dry contact or pulse)
- Logger & Data Storage:**
 - Configurable logging interval
 - Memory: 16 MB Flash + 8 GB Micro-SD
 - Interface to Link2Valves™ for remote data access and configuration (optional)
 - Communication to custom server
- User Interface:**
 - Wi-Fi 802.11n/ac for local configuration
 - Interface to Cla-Val Link2Valves™ for remote configuration
- Data Communication:**
 - 4G (LTE-M1, NB-IoT) and 2G (GPRS)
 - Micro SIM card (accessible)
 - Extendable antenna with flexible cable
- Embedded Intelligence:**
 - Flow Totalizer
 - Cla-Val Valve Flow Measurement (Requires Inlet/Outlet Pressure and Valve Position Sensor)
- Housing & General:**
 - Dimensions: Ø 5.2in x L 5.1 in (Ø 132 mm x L 130 mm) no antenna, no bracket
 - Easy opening system without screws or tools
 - Material: PC / ABS plastic UV resistant
 - Protection: IP68 (2 m, 1 month)
 - Operating Temperature: 14°F to 158°F (-10°C to 70°C)
 - Storage Temperature: 4°F to 176°F (-20°C to 80°C)